



1/31

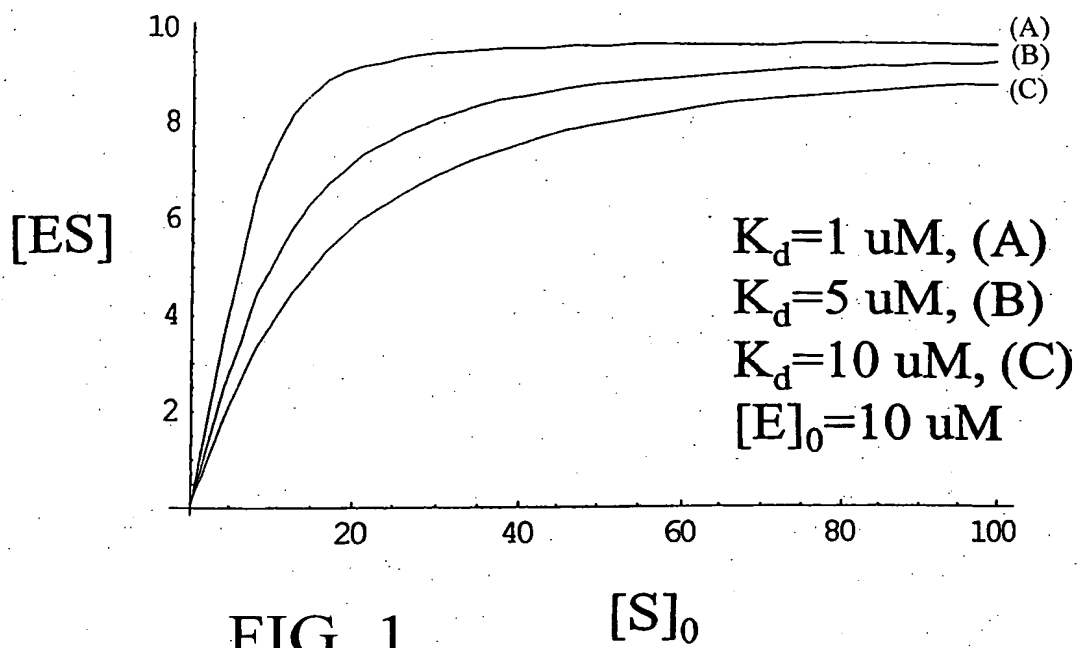


FIG. 1

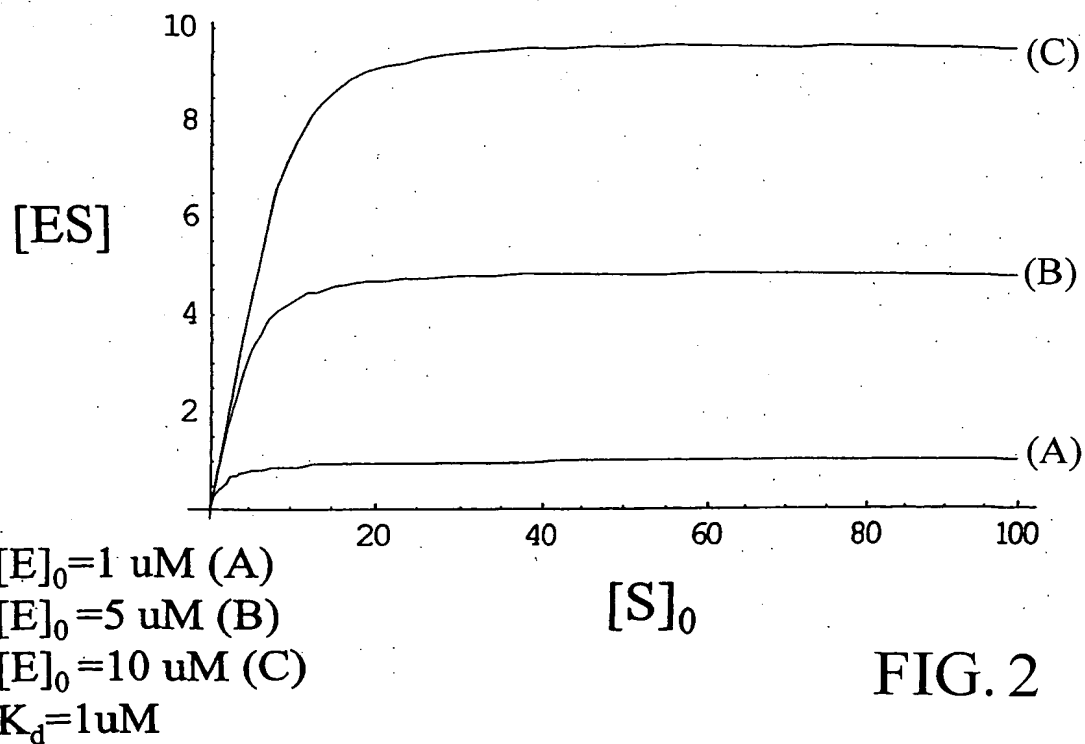


FIG. 2

2/31

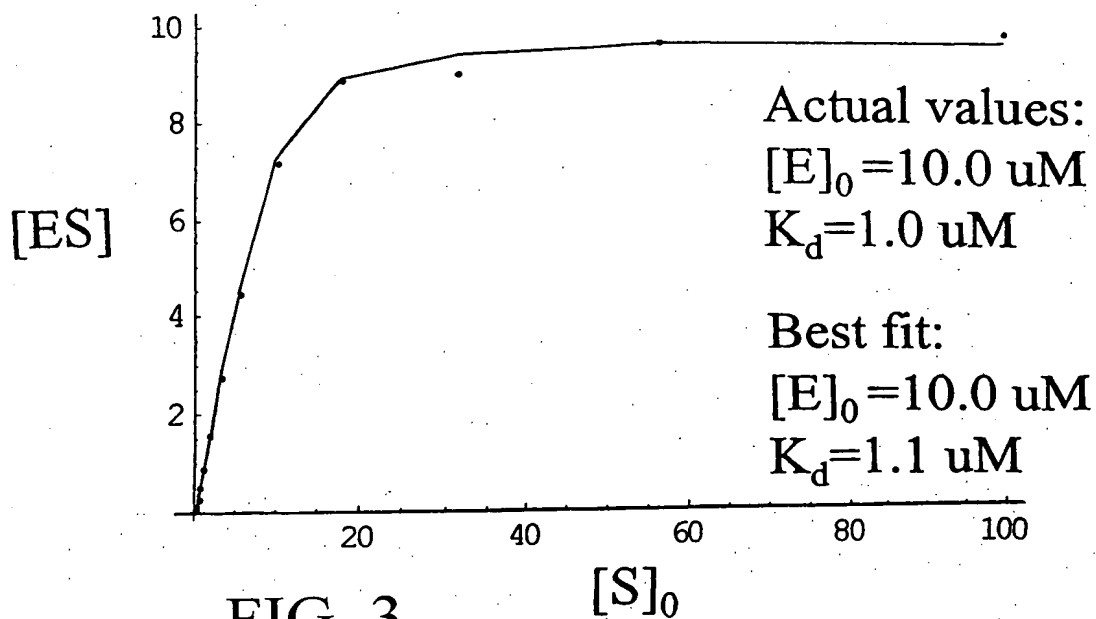


FIG. 3

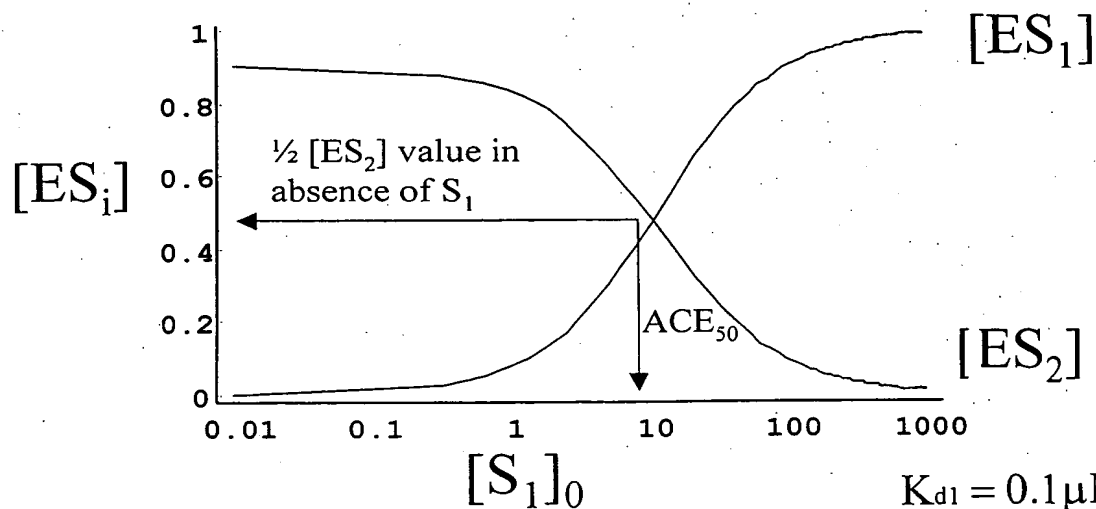


FIG. 4

$$K_{d1} = 0.1 \mu\text{M}$$

$$K_{d2} = 1.0$$

$$[S_1] = \text{variable}$$

$$[S_2]_0 = 10$$

$$[E]_0 = 1$$

3/31

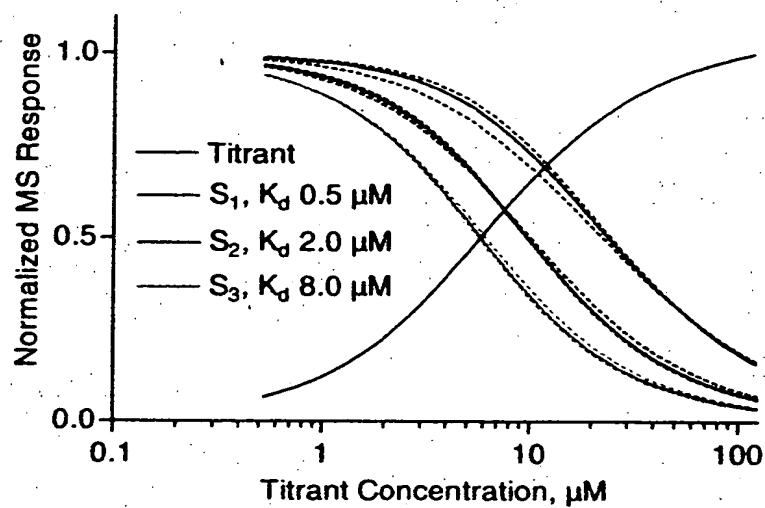


FIG. 5A

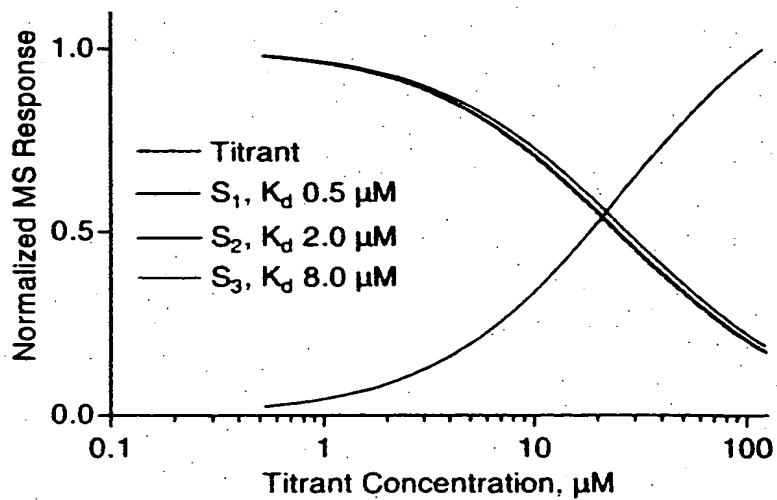


FIG. 5B

[illegible]

FIG. 6A

5/31

FIG. 6B

[illegible]

FIG. 6C

FIG 6

7/31

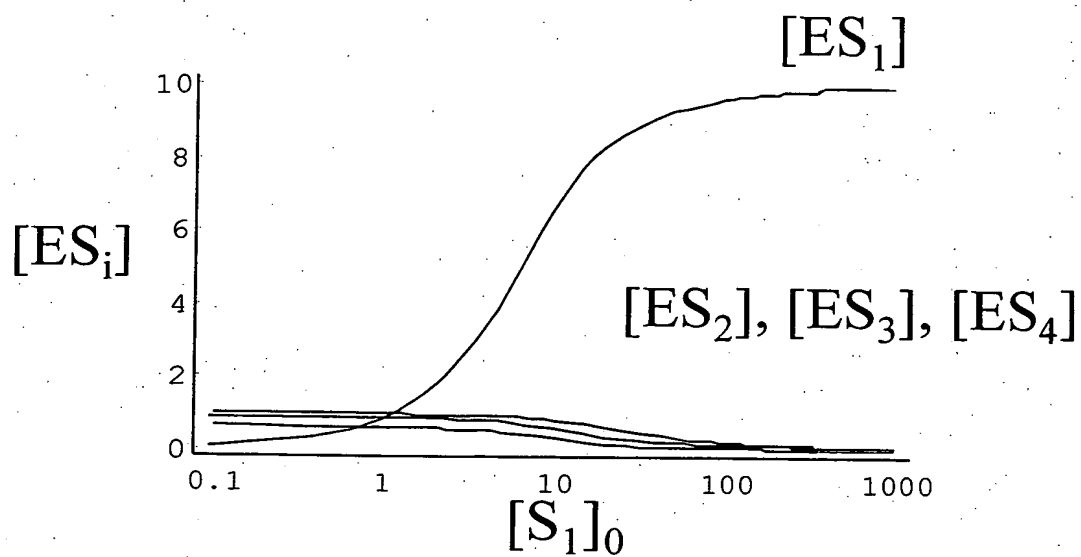


FIG. 7

$$K_{d1} = 1 \mu\text{M}$$

$$K_{d2} = 0.5$$

$$K_{d3} = 2$$

$$K_{d4} = 5$$

$$[S_1] = \text{variable}$$

$$[S_2]_0 = [S_3]_0 = [S_4]_0 = 1$$

$$[E]_0 = 10$$

8/31

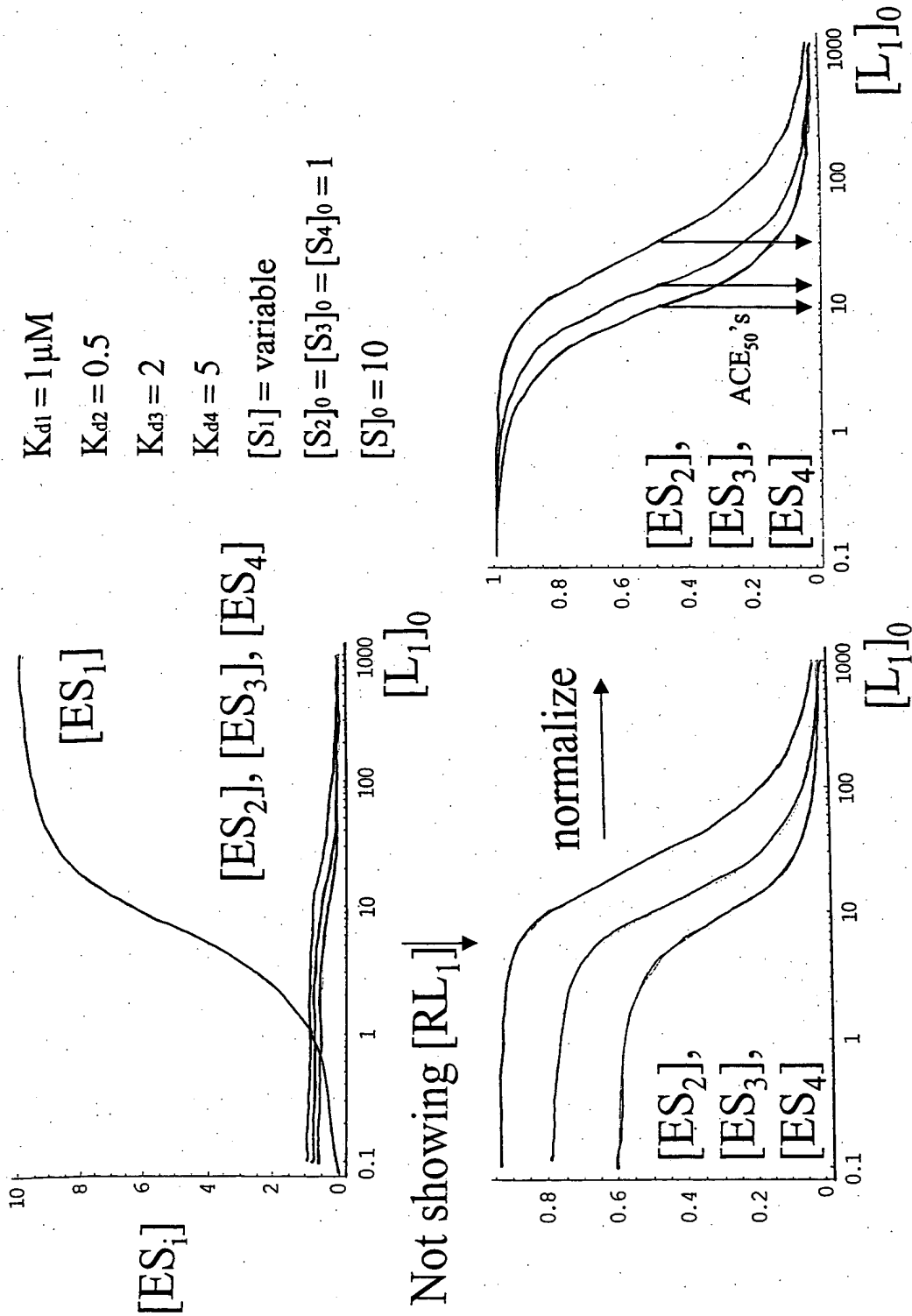


FIG. 8

9/23

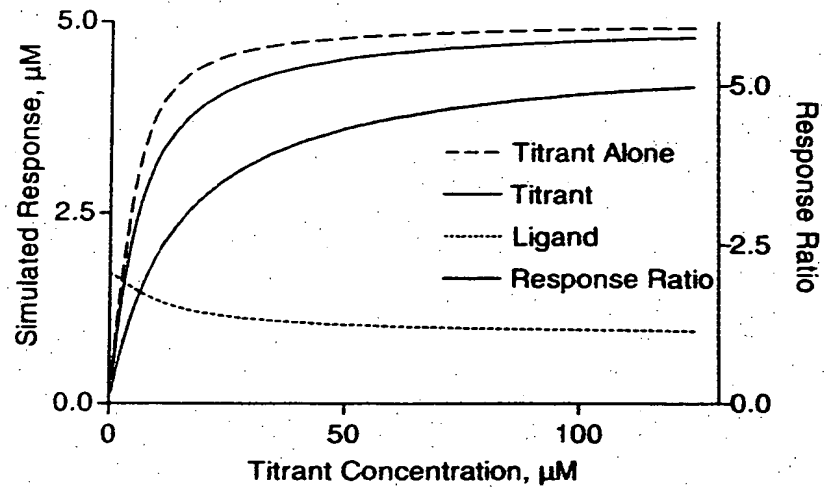


FIG. 9

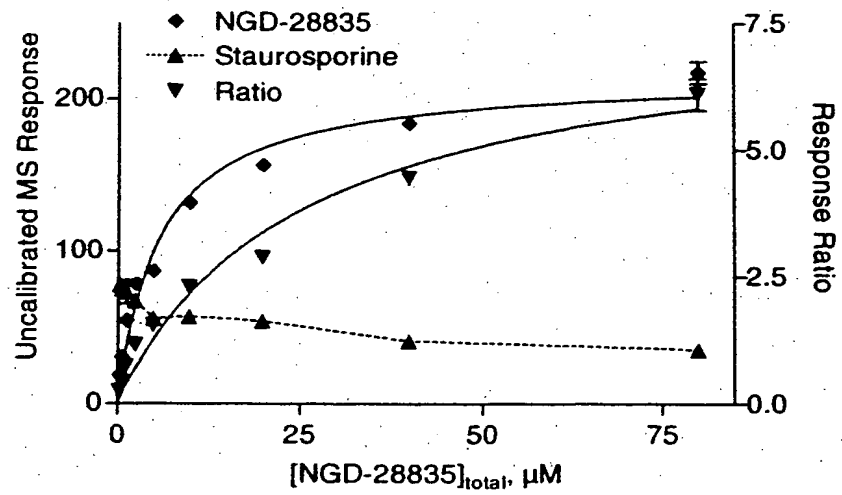


FIG. 10

10/31

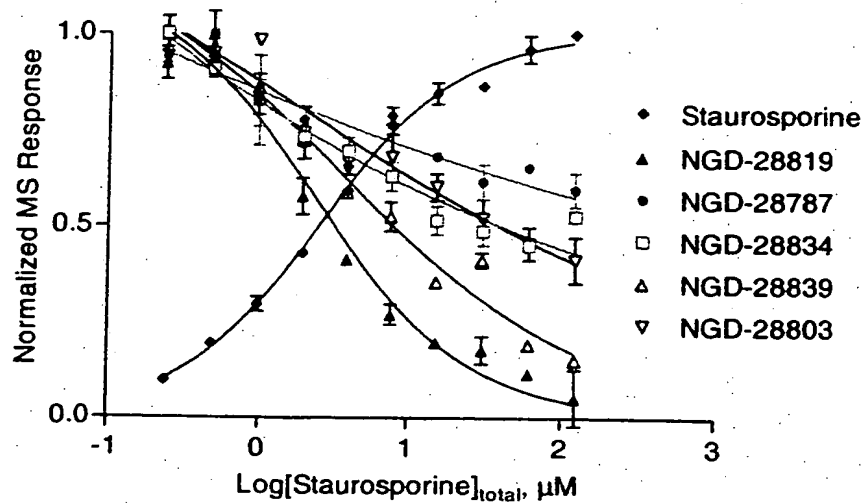


FIG. 11A

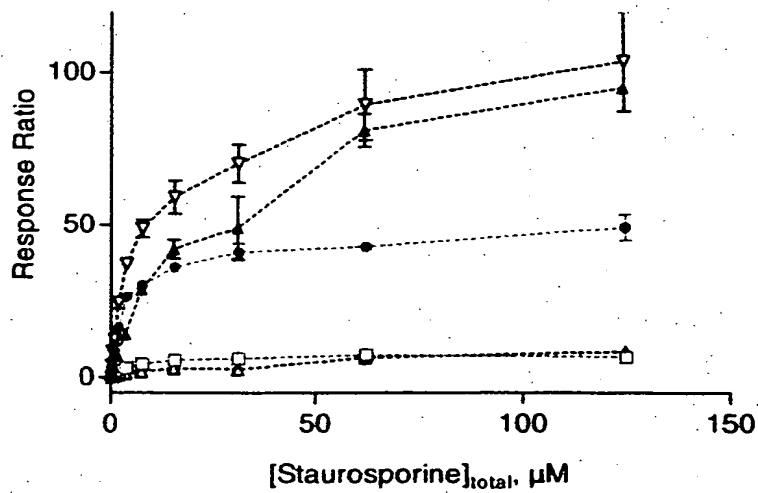


FIG. 11B

11/31

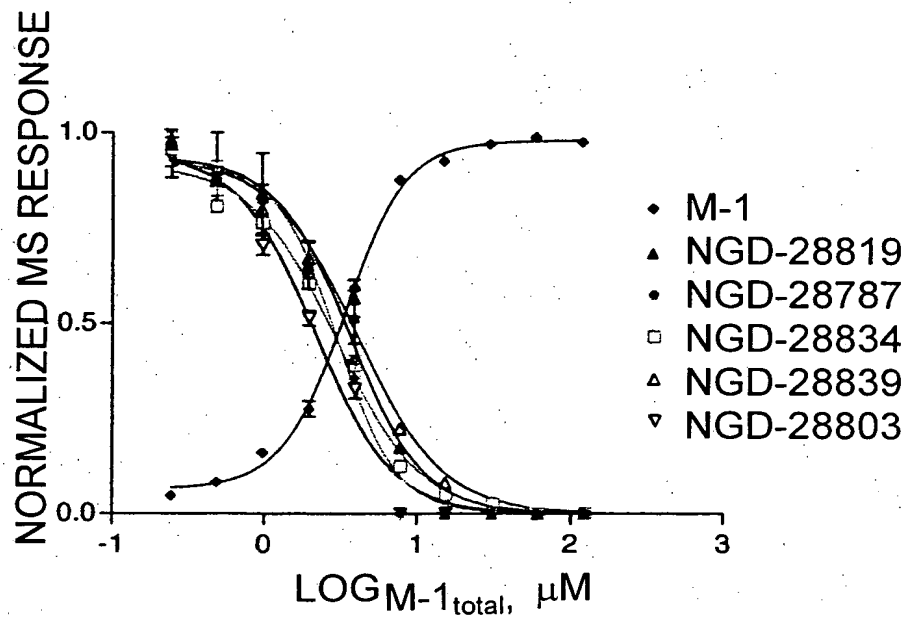


FIG. 11C

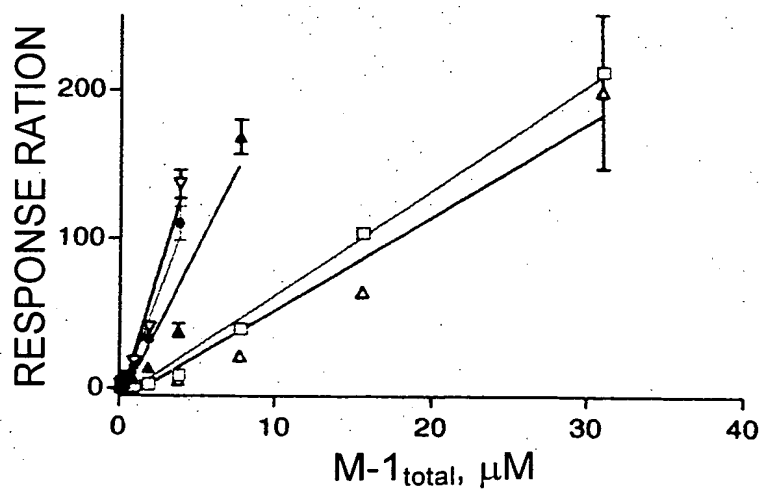


FIG. 11D

12/31

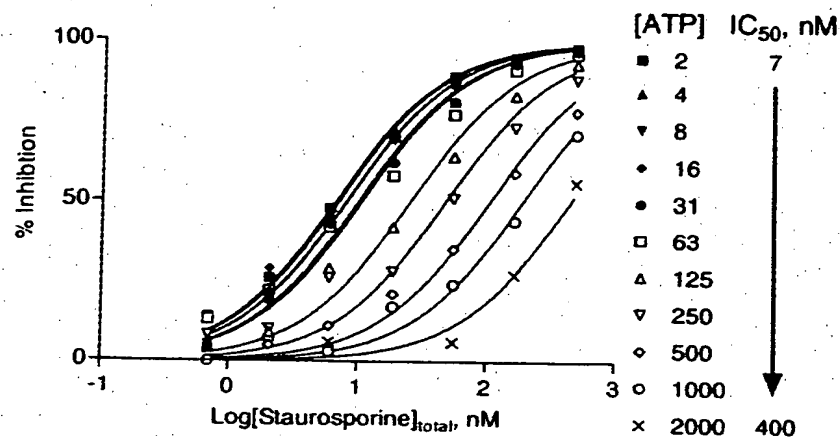


FIG. 12A

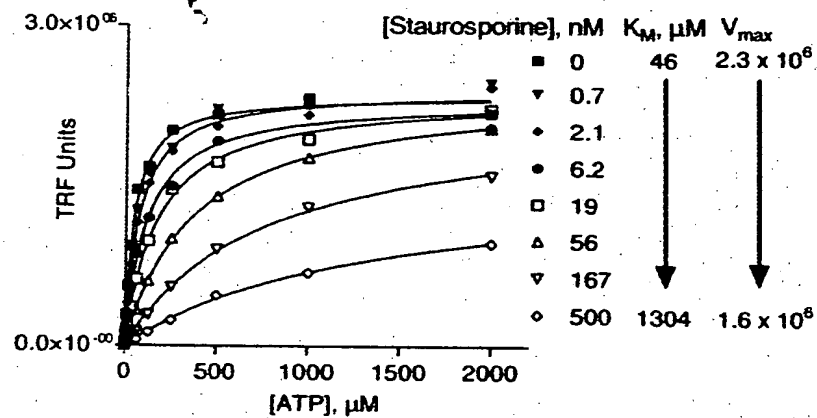


FIG. 12B

13/31

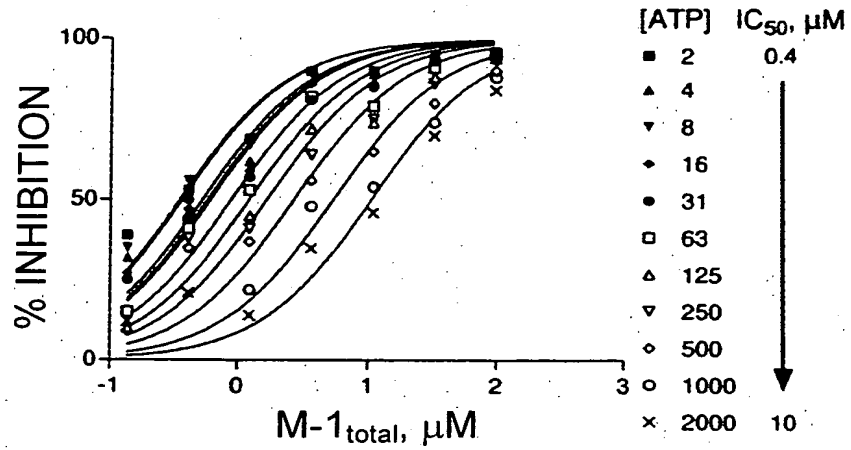


FIG. 12C

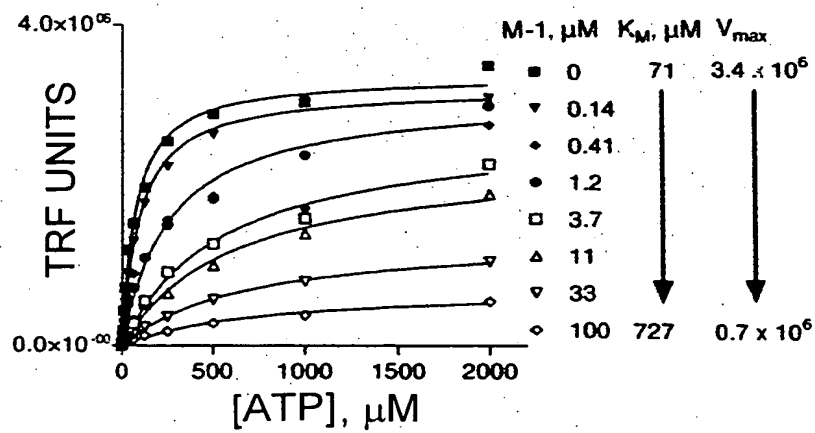


FIG. 12D

14/31

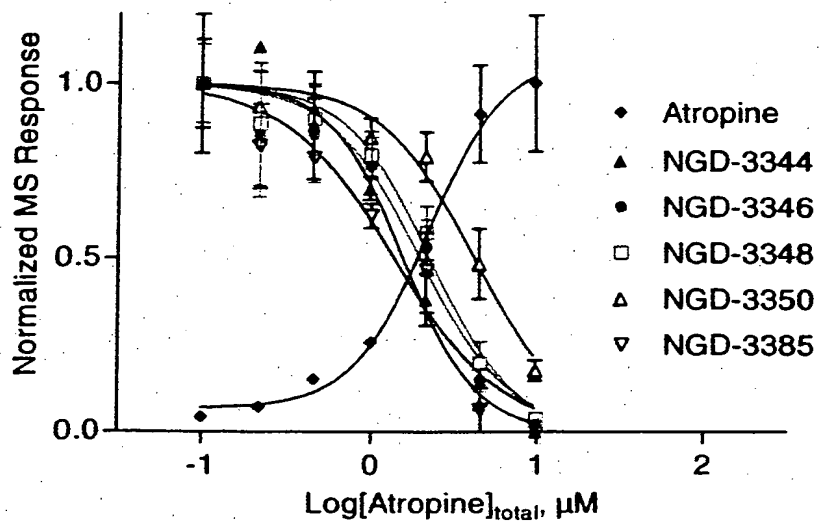


FIG. 13A

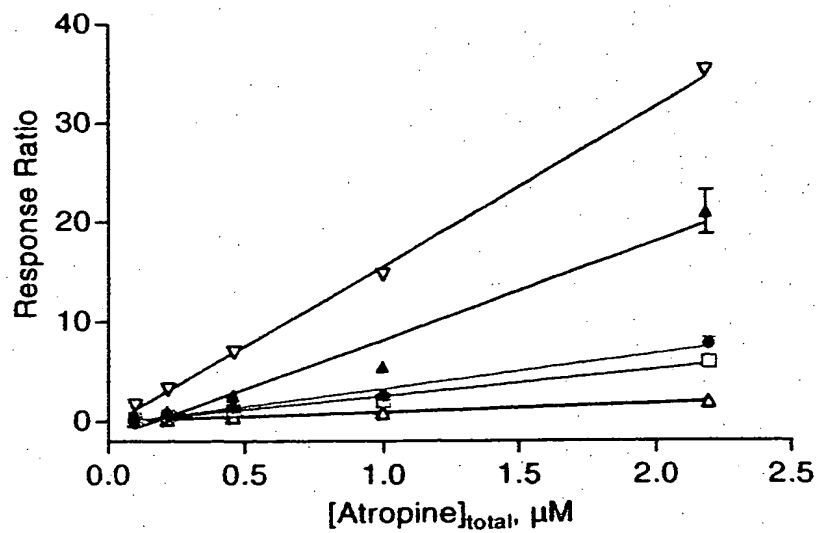


FIG. 13B

15/31

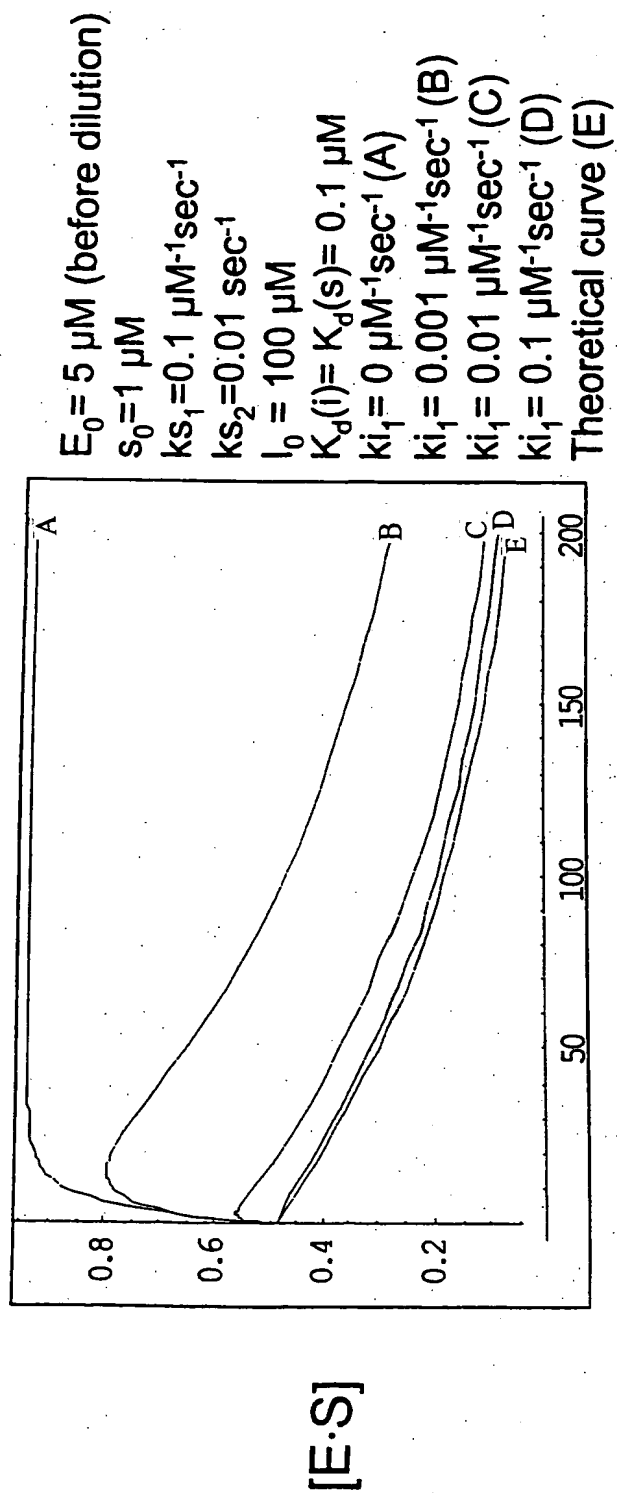


FIG. 14

16/31

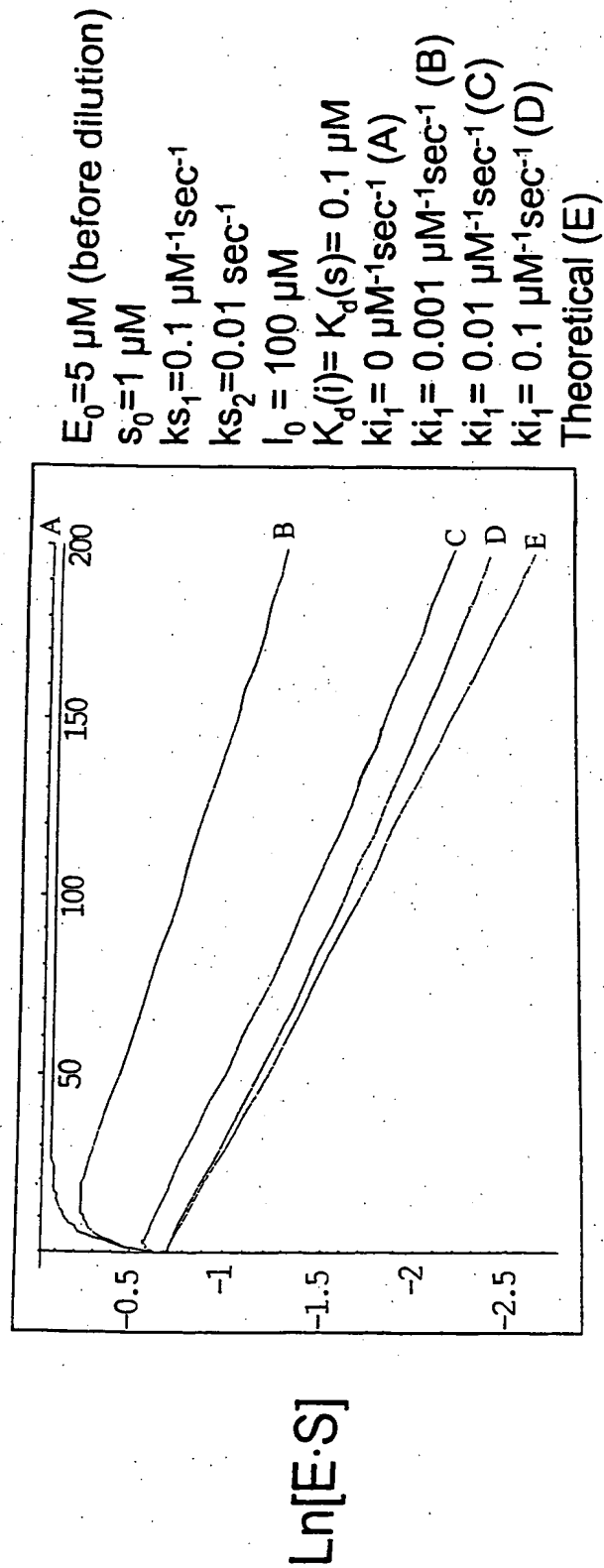
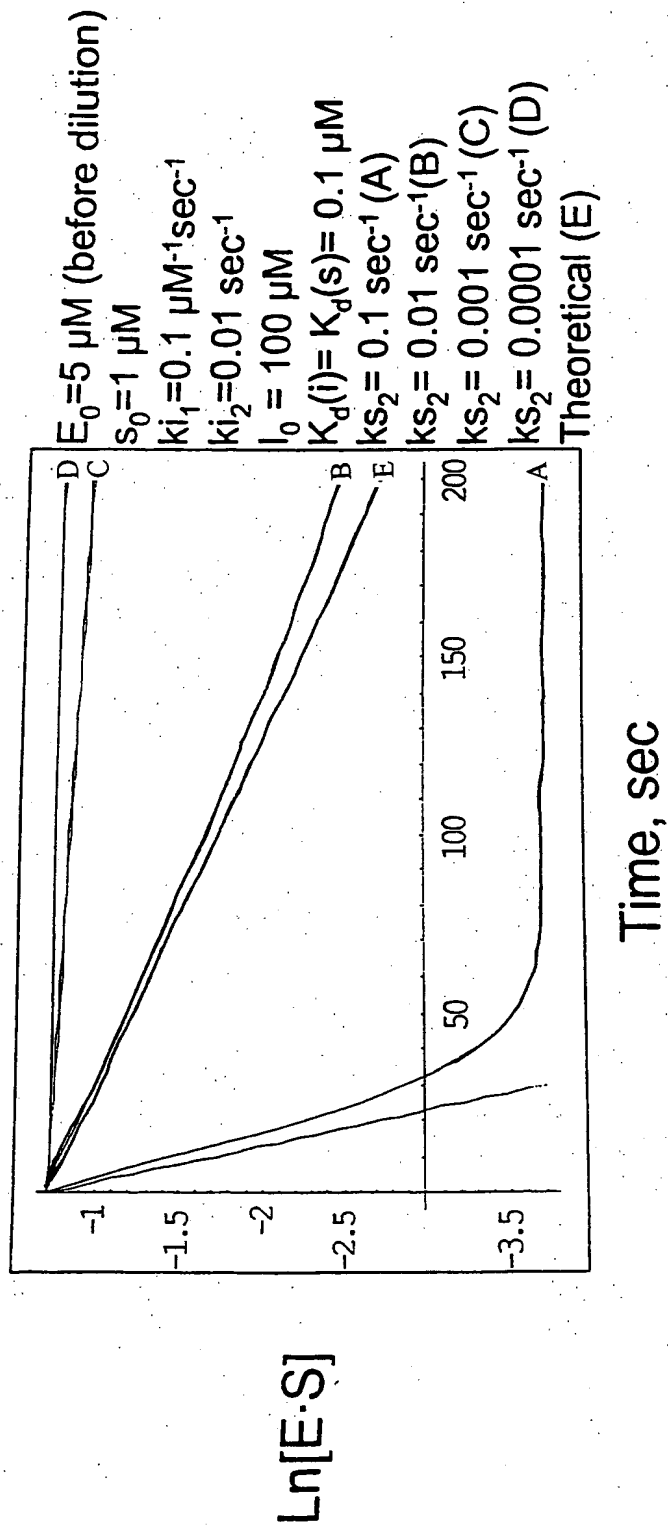
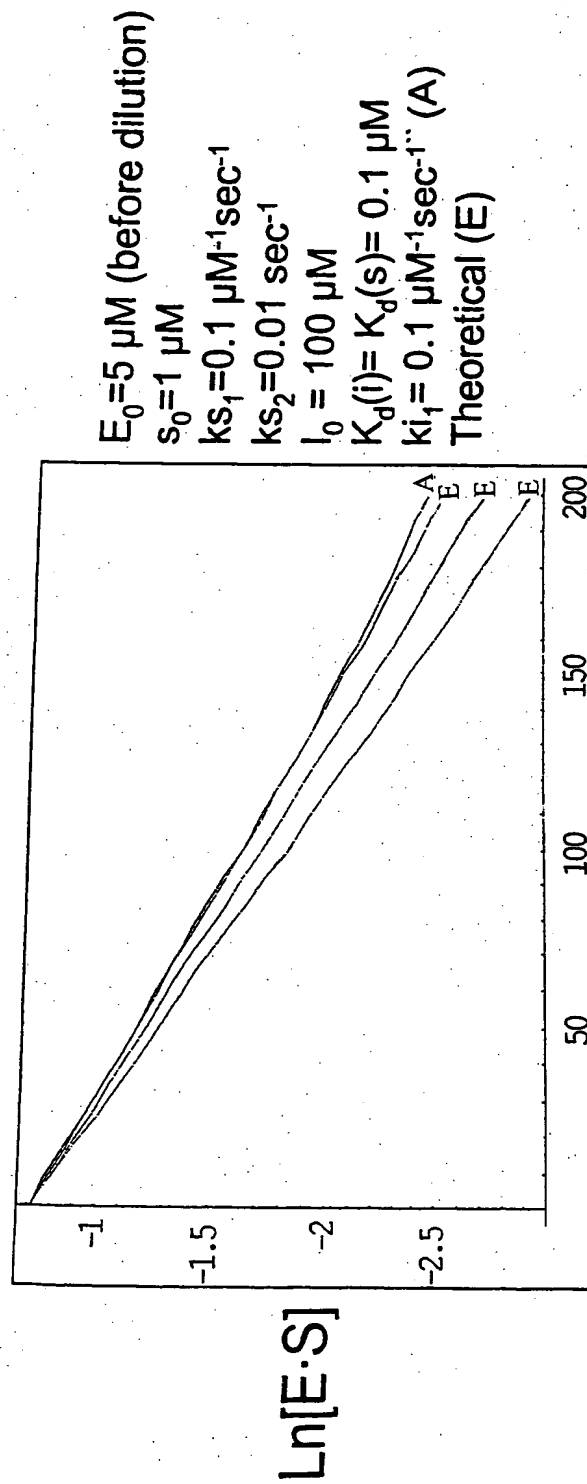


FIG. 15

17/31



18/31



Time, sec

FIG. 17

19/31

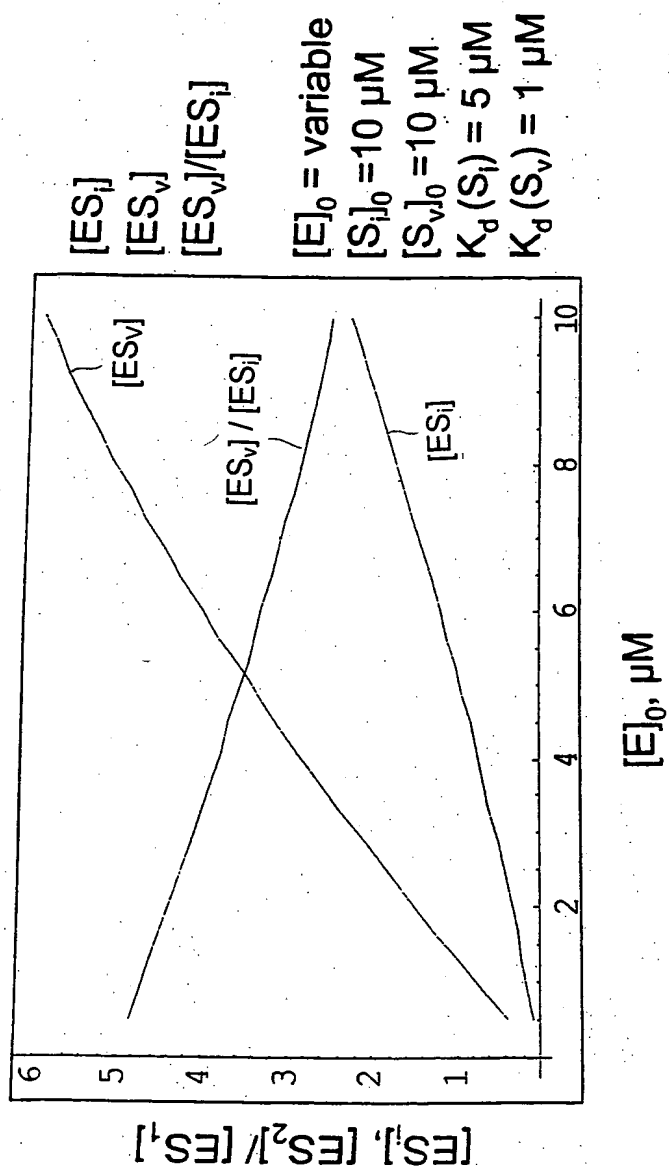


FIG. 18

20/31

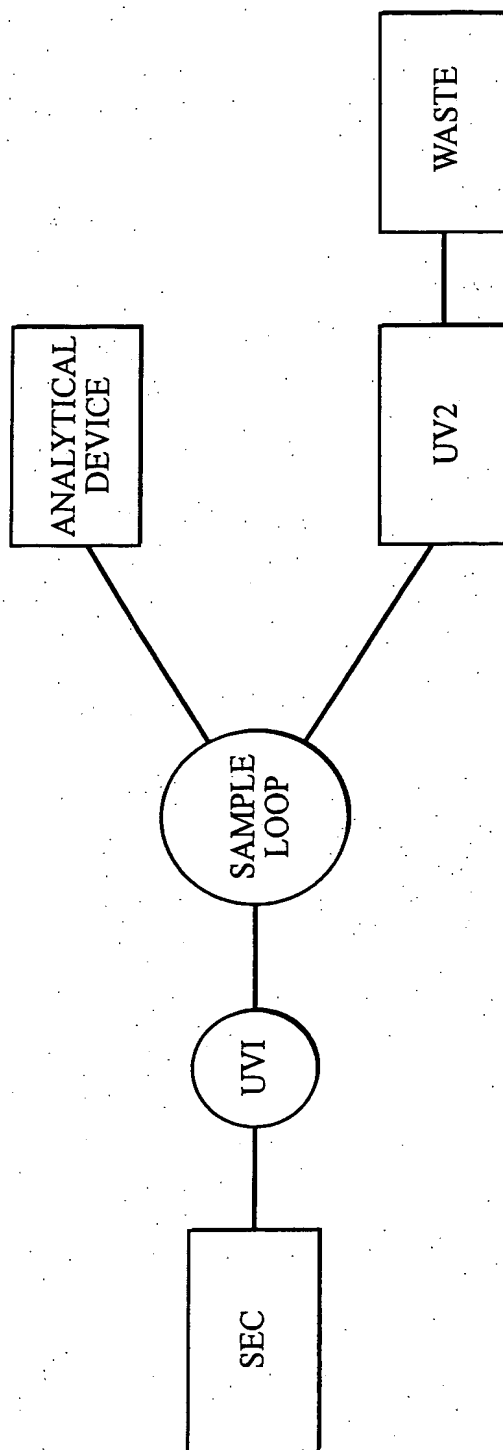


FIG. 19

21/31

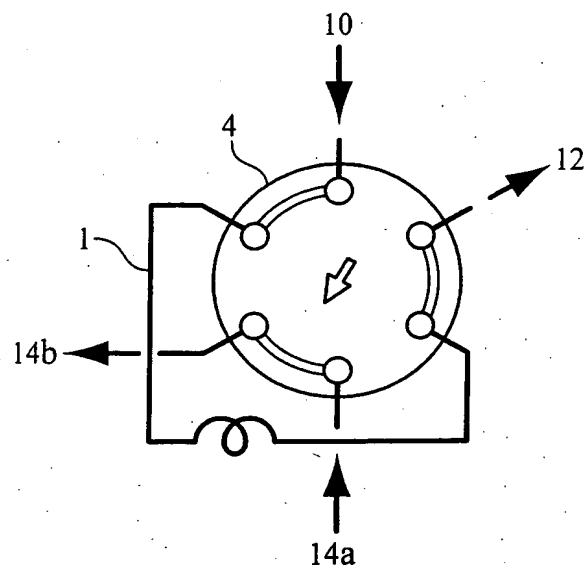


FIG. 20A

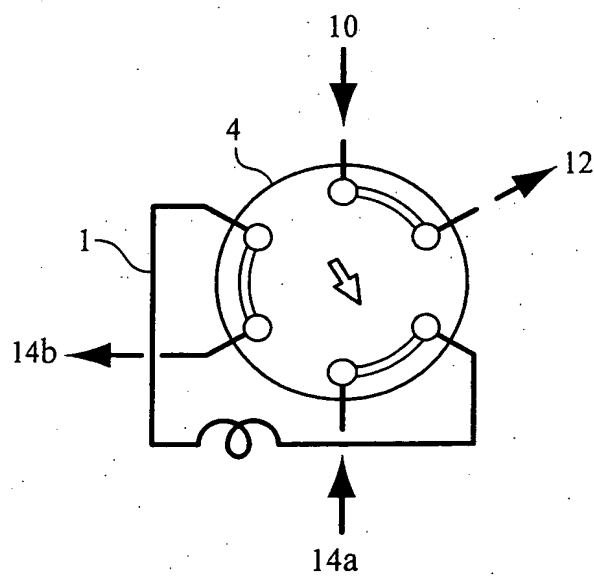


FIG. 20B

22/31

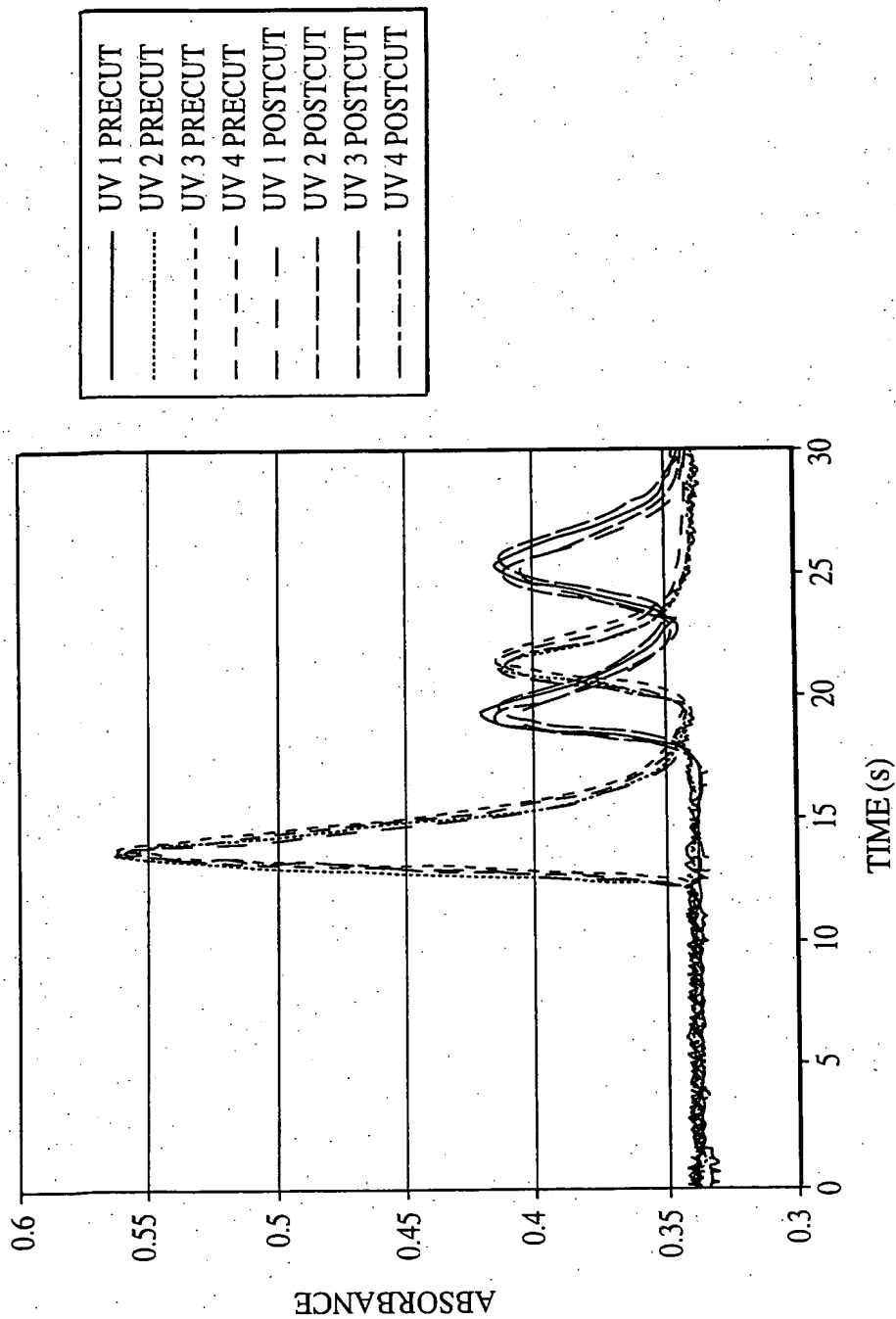


FIG. 21

23/31

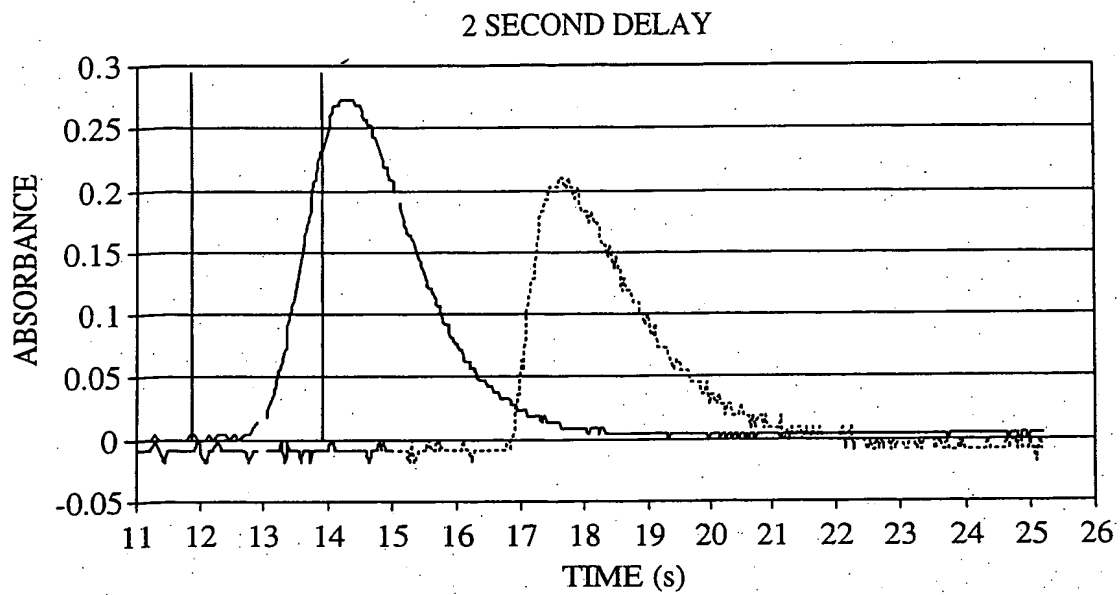


FIG. 22A

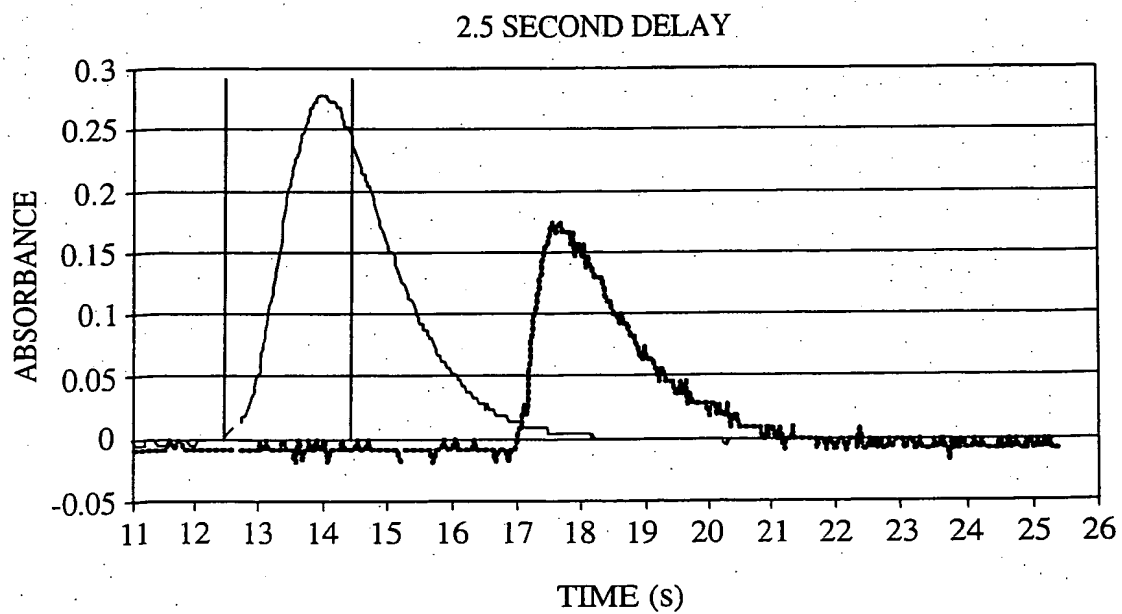


FIG. 22B

24/31

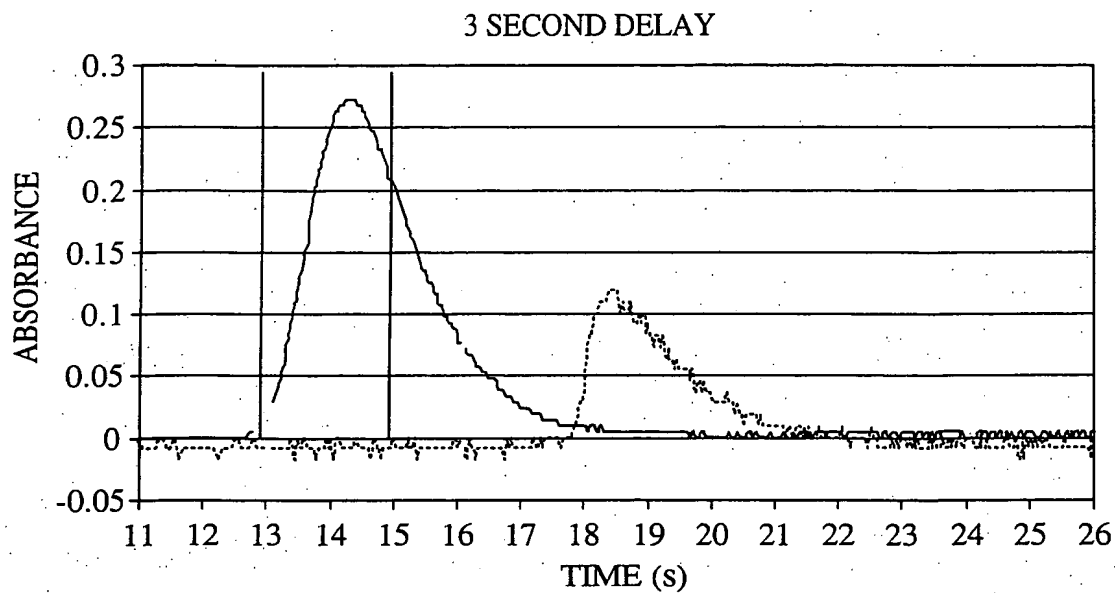


FIG. 22C

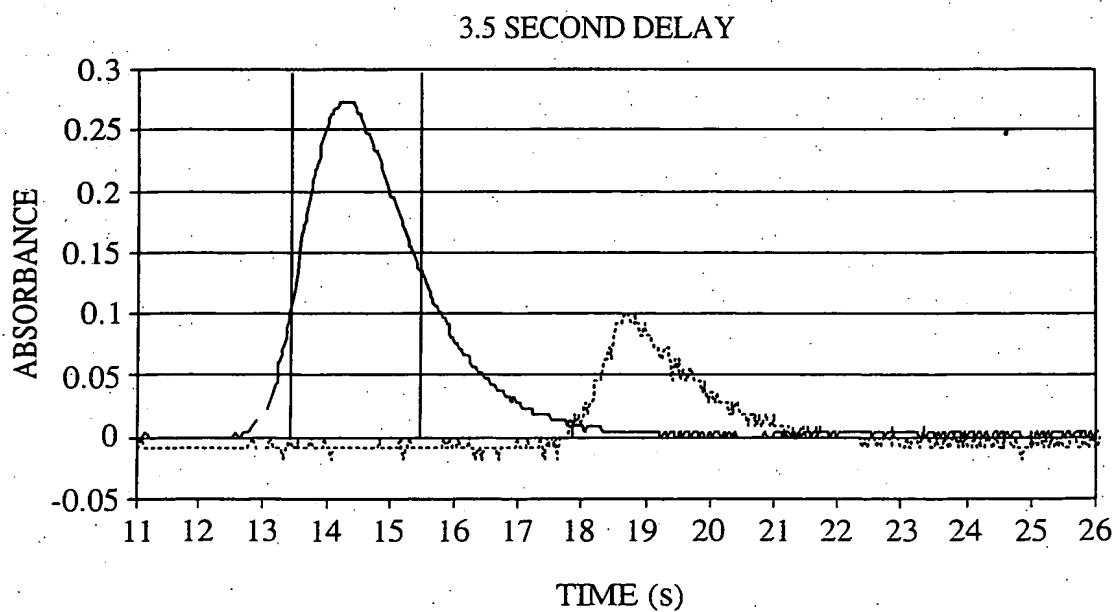


FIG. 22D

25/31

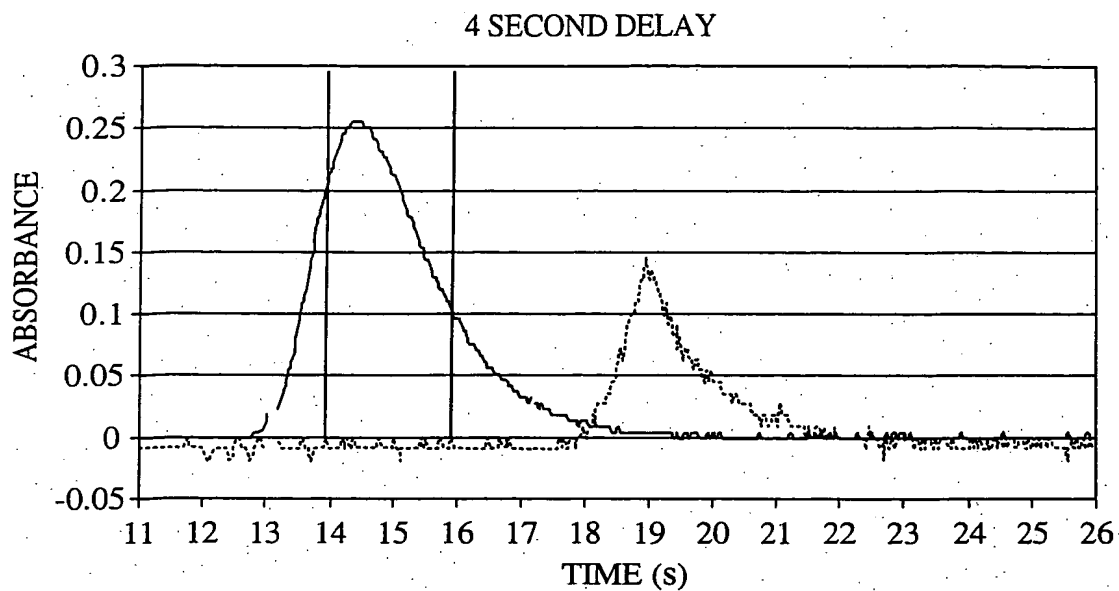


FIG. 22E

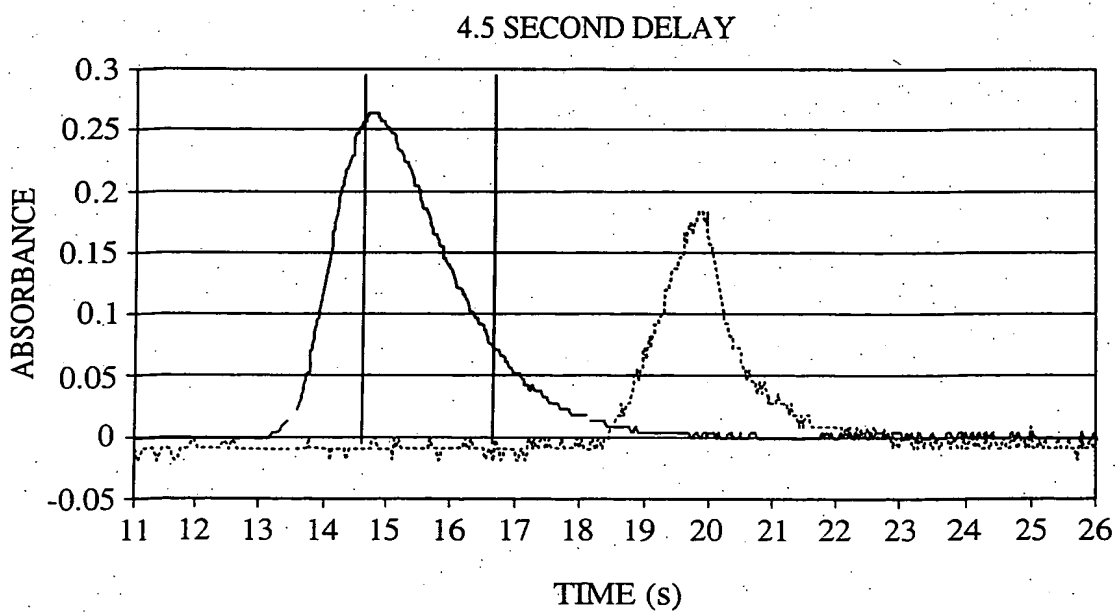


FIG. 22F

26/31

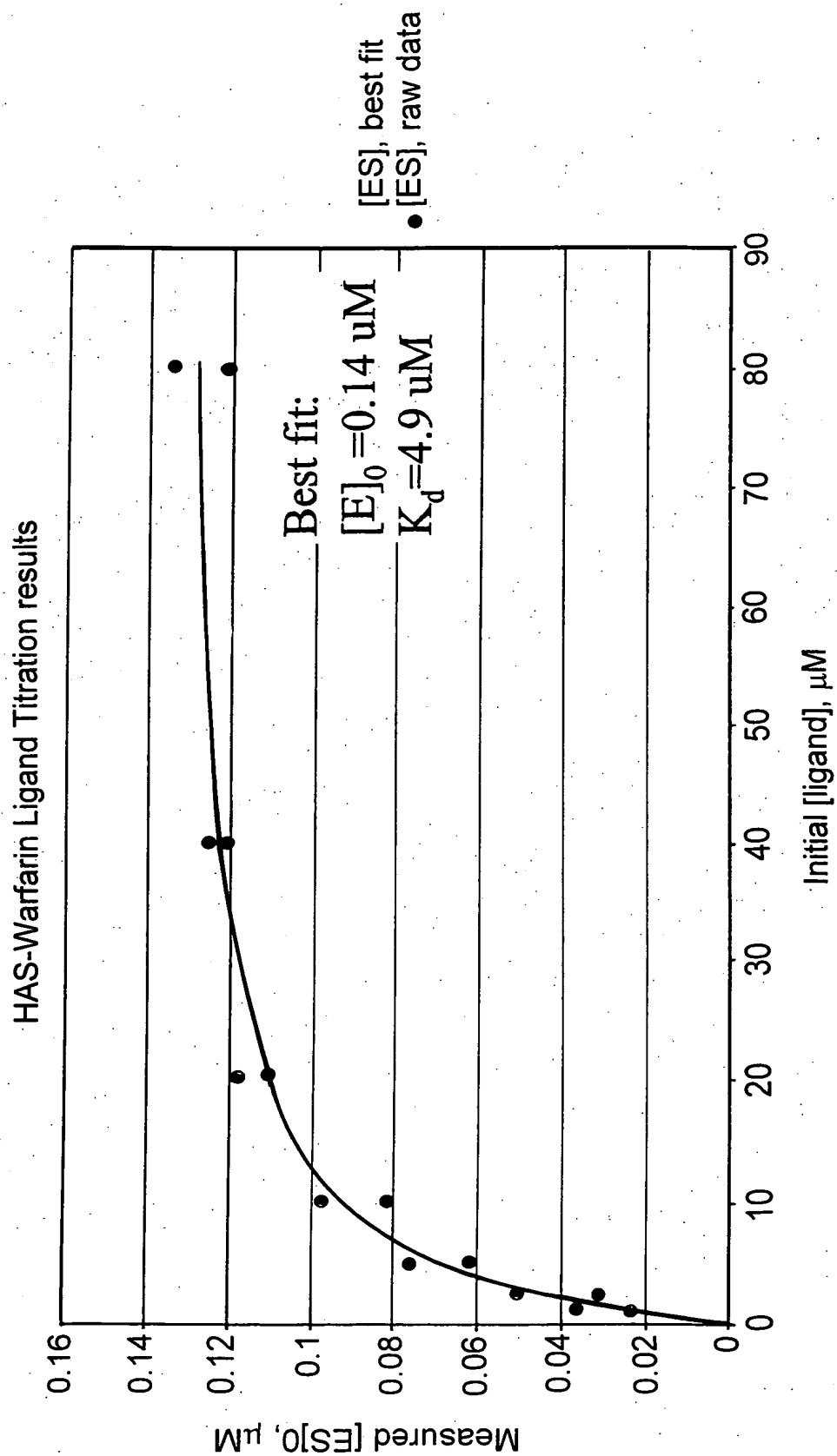
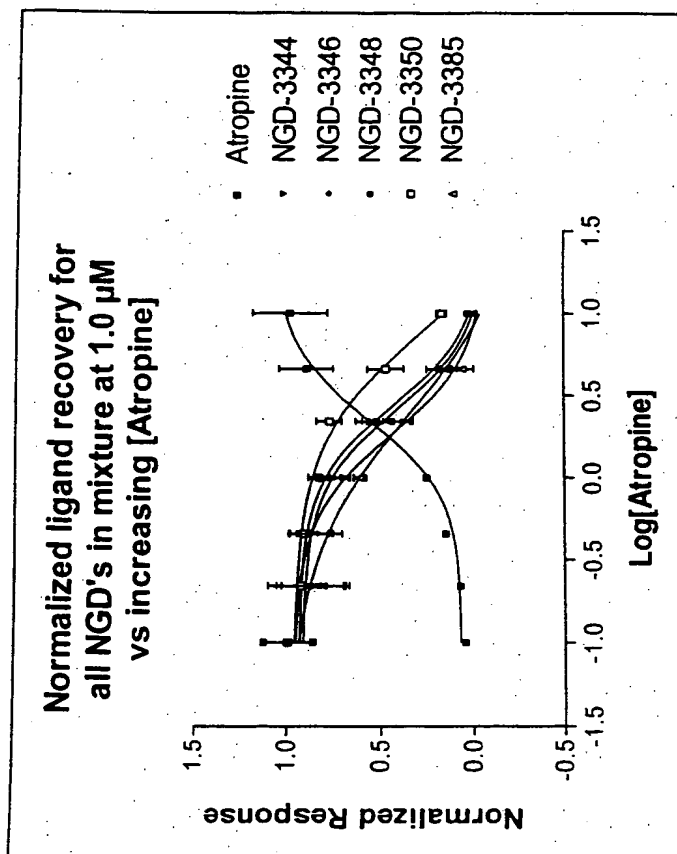


FIG. 23

27/31



	ACE50, μ M
Atropine	2.2
NGD-3344	1.8
NGD-3346	2.6
NGD-3348	2.7
NGD-3350	7.1
NGD-3385	2.3

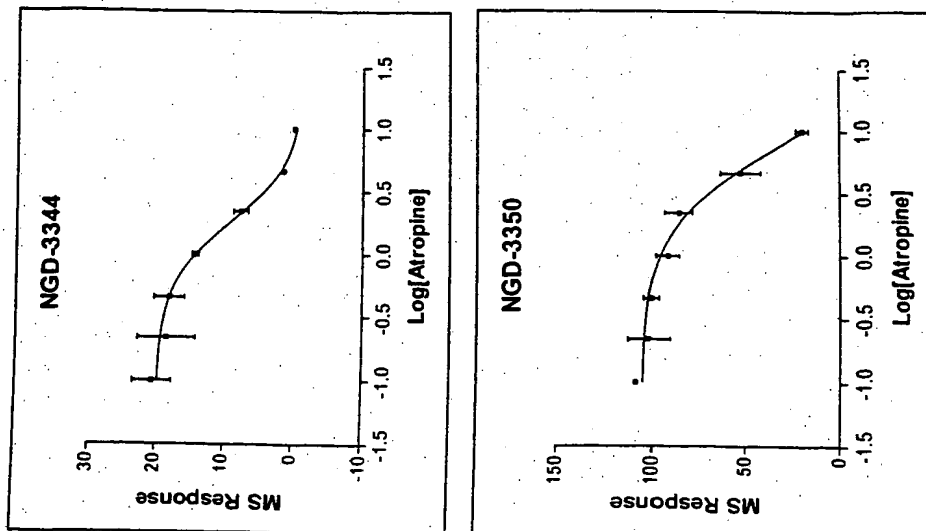
FIG. 24

28/31

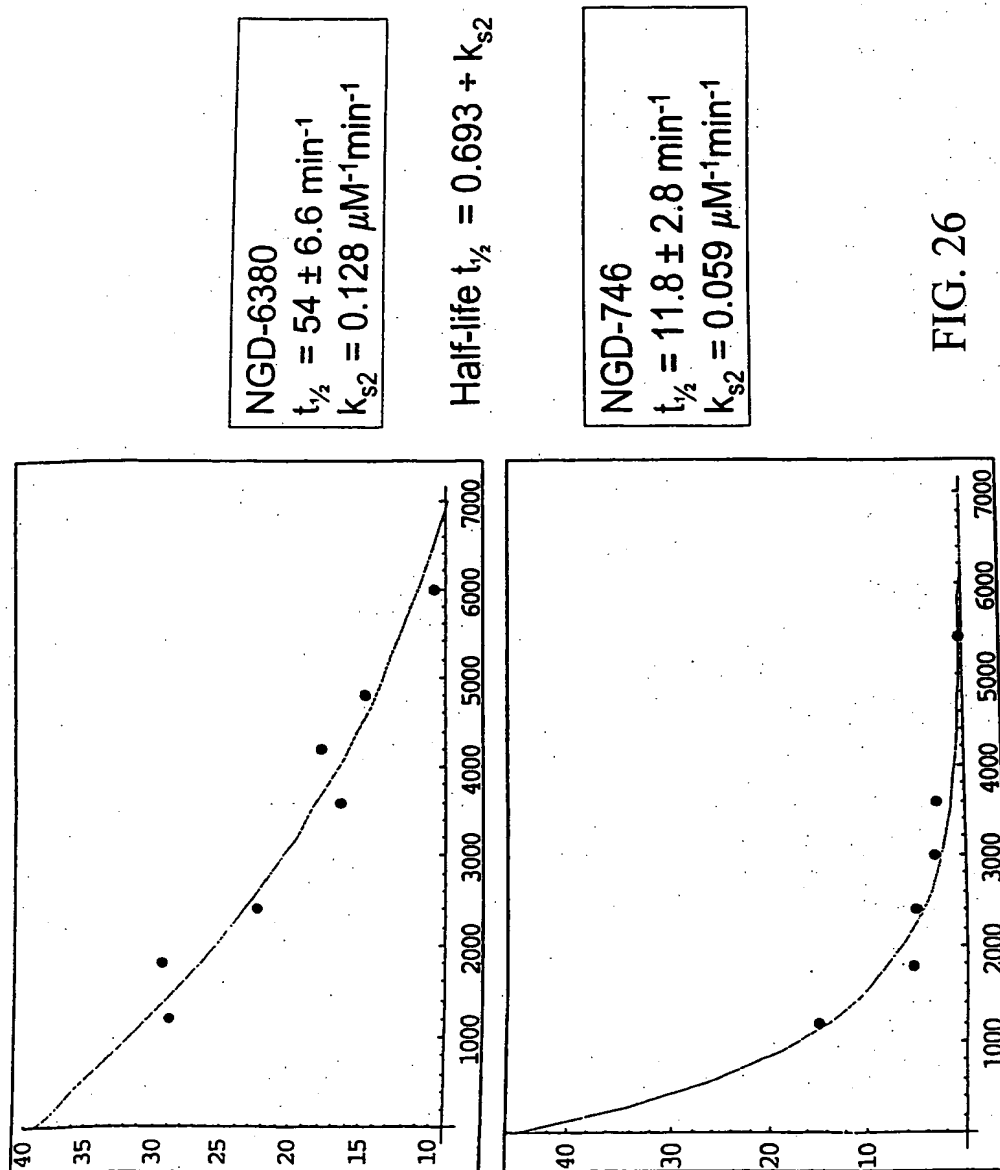
- Comparison of NGD-3344 (weak) and NGD-3350 (strong) ligands shown
- K_d of ligands in mixture calculated from ACE_{50} given K_d of inhibitor (0.010 μ M) & protein concentration = 2.0 μ M

	ACE_{50} , μ M	K_d , μ M
NGD-3344	1.8	0.75
NGD-3346	2.6	0.20
NGD-3348	2.7	0.19
NGD-3350	7.1	0.03
NGD-3385	2.3	0.30

FIG. 25



29/31



30/31

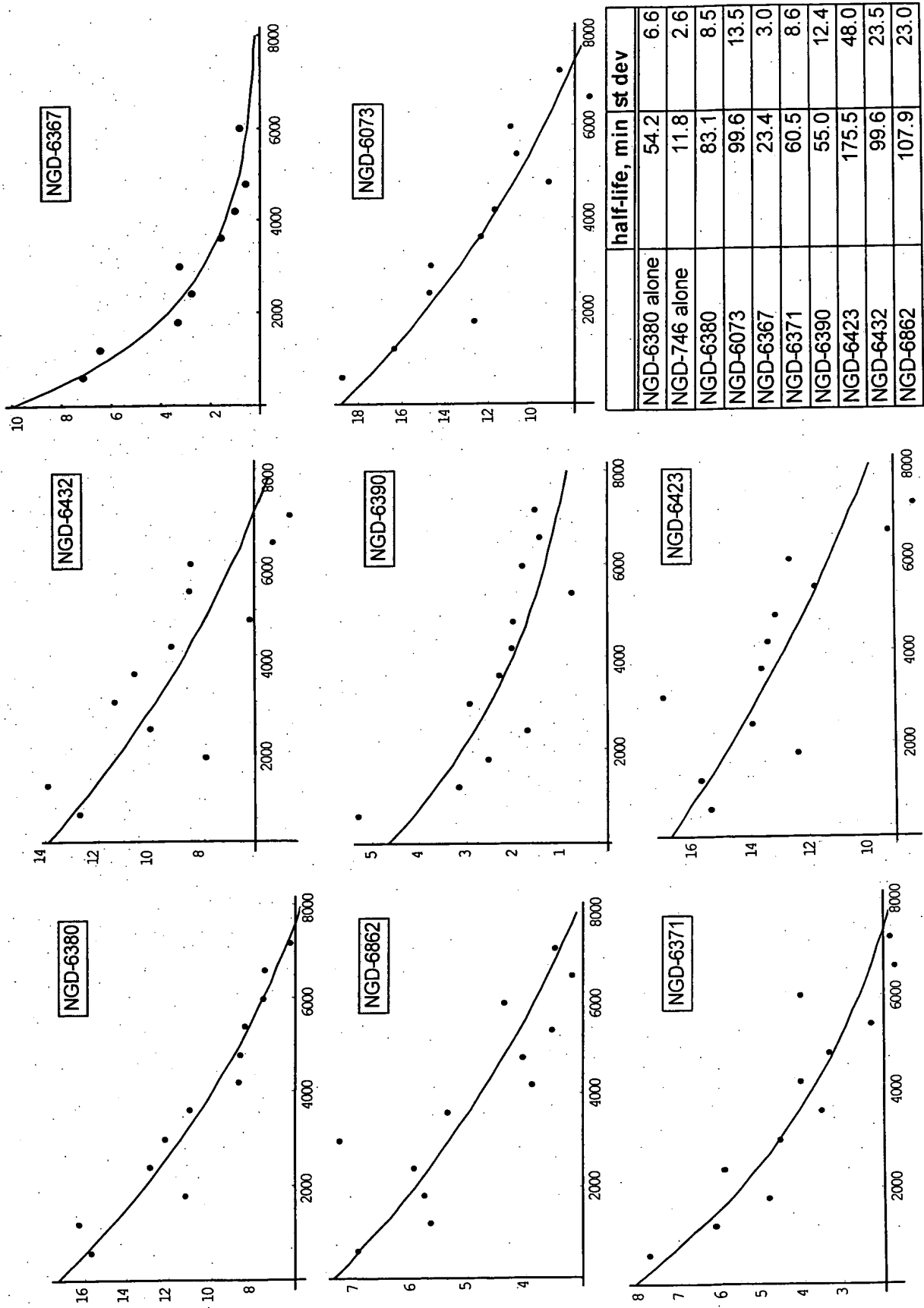


FIG. 27

31/31

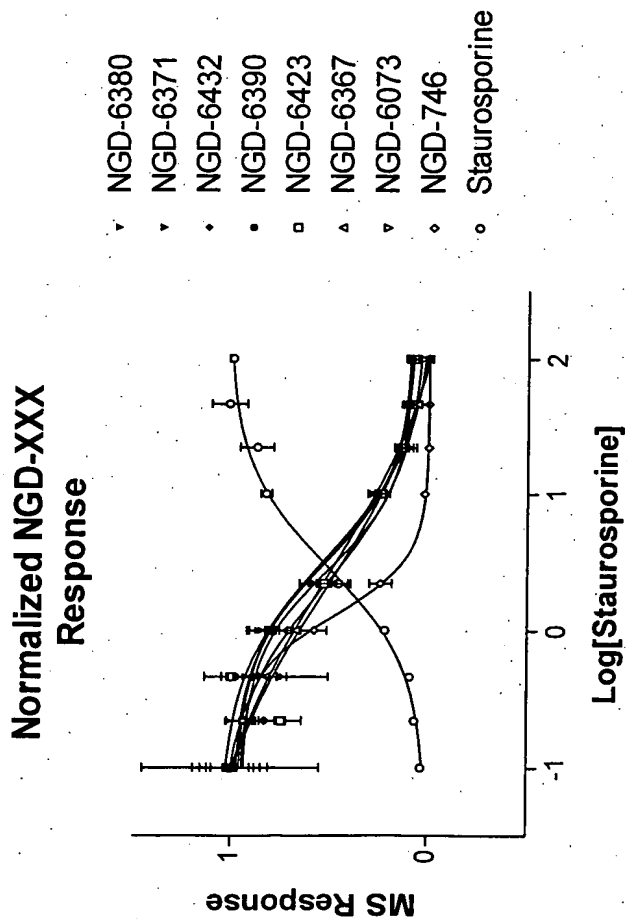


FIG. 28

	ACE50, μ M	Kd, nM
NGD-6380	3.27	27
NGD-6862	n/d	
NGD-6371	3.03	30
NGD-6432	1.93	53
NGD-6390	3.04	29
NGD-6423	2.69	34
NGD-6367	2.44	39
NGD-6073	1.93	52
NGD-746	0.58	500